Claims:

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1	1.	A printed	circuit	board	for	an	ultrasonic	array
2	comprisi							

- an array of contact elements located at one end of said

 printed circuit board for contact with corresponding

 elements of said ultrasonic array;
- a connector at an end opposite said array of contact elements;
 - a top layer and a bottom layer each being a ground plane; and

at least one internal layer between said top layer and said bottom layer and carrying thereon printed circuit lines connecting said array of contact elements with said connector.

- 2. The printed circuit board of claim 1, wherein said at least one internal layer includes two layers with half of said contact elements being connected to lines on each layer.
- 3. The printed circuit board according to claim 1,
 wherein said printed circuit board is flexible.
 - 4. The printed circuit board according to claim 1, wherein said printed circuit board is rigid.

- 5. The printed circuit board according to claim 1,
 wherein said contact elements are contact pads.
- 6. An ultrasonic receiver apparatus, comprising:
 a printed circuit board;

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an array of ultrasonic elements mounted at one end of said printed circuit board;

printed circuit lines carried by said printed circuit board, with each line being connected to one of said ultrasonic array elements;

a multiplexer connected to said printed circuit lines for connecting one line at a time to a receiving device; and

a switch unit for connecting each of said printed circuit lines to ground except for said line connected by said multiplexer to said receiving unit.

- 7. The system according to claim 6, wherein said circuit board further includes a top ground plane and a bottom ground plane on opposite sides of said printed circuit lines.
- 8. The system according to claim 6, wherein said circuit board carries a connector at an end opposite said array for connection to said printed circuit lines and wherein said multiplexer is connected through a cable to a second connector mateable with said first connector.

- 9. The system according to claim 6, wherein said multiplexer and said switch unit are connected to an address input for receiving the same address.
 - 10. A method for reducing noise in a printed circuit board carrying an ultrasonic receiver array, comprising:

printing circuit lines on a printed circuit board for connection with elements of said ultrasonic array;

placing said printed circuit lines between an upper ground plane and a lower ground plane;

connecting said printed circuit lines to a multiplexer for selecting one of said lines at a time for connection to a receiving unit; and

connecting all of said printed circuit lines except said selected line to ground in order to eliminate noise.